

## ABSTRACT

---

*SMK Negeri 6 Kabupaten Tangerang is one of the Vocational High School located in Tangerang District. That vocational school has about 700 students in grade 10, 11, and 12. However, the processing system of score and student attendance in SMK Negeri 6 Kab. Tangerang still using manual system (using Microsoft Word, Microsoft Excel, and some still using paper). This final project discusses the development of web based application on Score Processing and Student Attendance in SMK Negeri 6 Kab. Tangerang. This application aims to facilitate teachers to manage student's score and presences, to disseminate information about the report cards, and to facilitate parents in getting information about their children's presence using SMS gateway. Applications built on this final project using the waterfall development method and then implemented with the programming language PHP framework Codeigniter and MySQL as database. As for testing using black box testing to check whether the design results have been run as expected or not. The results of this design is in the form of web based application on Score Processing and Student Attendance that can facilitate teachers in SMK Negeri 6 Kab. Tangerang.*

*Keywords: Watefall, CodeIgniter, MySQL, black box testing*